



Nylon is an engineering semicrystalline thermoplastic (polyamide) with superior thermal and mechanical behavior.

Tensile strength and wear resistance are the most important advantages of nylon in comparison with ABS, PLA and other thermoplastics. That's because it's used in application fields like engineering, automotive, industrial.

MyMat filament works correctly with all common desktop 3D printers. This filament comes vacuum-sealed with desiccant.

MATERIAL	MyMat ULTRA	
Tensile modulus of elasticity	5200 MPa	
Tensile strength	86 MPa	
Tensile strain at break	7 %	
Density	1,10 g/cm <sup>3</sup>	
Hardness	59 Shore D	
Diameter	1,75 mm	2,85 mm
Diameter tolerance	max 0,03 mm	max 0,05 mm
Printing Temperature *	230-260°C	

\*Each desktop 3D printer has its own unique characteristics. To obtain optimal results you might need to tweak around with your temperature settings, your printing speed, layer height and nozzle diameter.